

| Ref # | Hits  | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|-------|--|---|------------------|---------|------------------|
| L1    | 10    | (adjust\$4 chang\$4 var\$8 modif\$8 alter\$8) with (tap (equaliz\$8 near5 length)) with doppler with frequency | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2005/06/07 19:12 |
| L2    | 39    | causal near6 (tap (equaliz\$8 near5 length))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2005/06/07 19:11 |
| L3    | 16    | (anticausal (anti adj5 causal)) near6 (tap (equaliz\$8 near5 length))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2005/06/07 19:11 |
| L4    | 10    | 2 and 3  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2005/06/07 19:12 |
| L5    | 1     | 1 and 4  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2005/06/07 19:12 |
| L6    | 32491 | (adjust\$4 chang\$4 var\$8 modif\$8 alter\$8) with (tap (equaliz\$8 near5 length))                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2005/06/07 19:13 |
| L7    | 8     | 4 and 6  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2005/06/07 19:15 |
| L8    | 5     | (compar\$3 determin\$3 detect\$3 estimat\$3) same 2 same 3   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2005/06/07 19:26 |
| L9    | 1     | 1 and 2  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2005/06/07 19:27 |
| L10   | 1     | 1 and 3  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2005/06/07 19:27 |
| L11   | 15    | 6 and 2  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2005/06/07 19:34 |
| L12   | 2     | doppler and 11   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2005/06/07 19:34 |

| Ref # | Hits | Search Query  | DBs                                | Default Operator | Plurals | Time Stamp       |
|-------|------|---|------------------------------------|------------------|---------|------------------|
| L1    | 3043 | equaliz\$8 same (reduc\$3 prevent\$3 avoid\$3 minimiz\$3 attenuat\$3) same interference | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | ON      | 2005/06/07 20:09 |
| L2    | 163  | (causal near6 (tap length coefficient))   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | ON      | 2005/06/07 20:04 |
| L3    | 37   | ((anti near3 causal) anticausal) near6 (tap length coefficient)                         | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | ON      | 2005/06/07 20:05 |
| L4    | 32   | 2 and 3   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | ON      | 2005/06/07 20:05 |
| L5    | 5    | 1 and 4   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | ON      | 2005/06/07 20:05 |
| L6    | 25   | equaliz\$8 and 4  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | ON      | 2005/06/07 20:09 |
| L7    | 1    | doppler and 6   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | ON      | 2005/06/07 20:10 |